

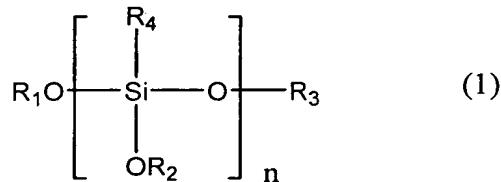
IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A coated material, having a surface to which a silane-based coating solution is applied to a fiber material and hardened/solidified by the action of a catalyst,

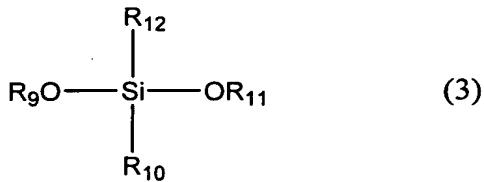
wherein said coating solution comprises:

(a) a compound represented by formula 1



wherein R_1 , R_2 , R_3 and R_4 may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and $n = 2-10$; and

(b) a compound represented by formula 3 having two hydrolyzable substituents and two unhydrolyzable substituents



wherein R_9 and R_{11} may be same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_{10} and R_{12} each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 3 wherein at least one of R_9O and $R_{11}O$ represent a siloxane bond,

wherein the compound of formula 3 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution;

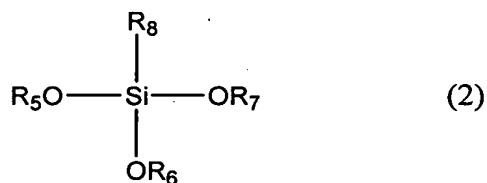
wherein the surface is formed where a hydrolyzable organometallic compound is used as a catalyst for hardening/solidifying said coating solution; and

wherein the surface is formed where one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin is/are used as said hydrolyzable organometallic compound.

2. (Previously Presented) The coated material according to claim 1, wherein the surface is formed where, prior to the application of the coating solution, said fiber material is dipped in alcohol and dried and ultraviolet ray is further irradiated thereto.

3. – 4. (Canceled)

5. (Currently Amended) The coated material according to claim 1, wherein the surface is formed where, in addition to formula 1, a coating solution containing a compound represented by formula 2 having three hydrolyzable substituents and one unhydrolyzable substituent is used as the coating solution of a silane type



wherein R_5 , R_6 and R_7 may be same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 2 wherein at least one of R_5O , R_6O and R_7O represent a siloxane bond, and

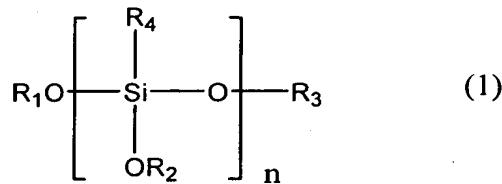
wherein the compound of formula 2 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution.

6. (Canceled)

7. (Currently Amended) A coated material, having a surface to which a silane-based coating solution is applied to a fiber material and hardened/solidified by the action of a catalyst,

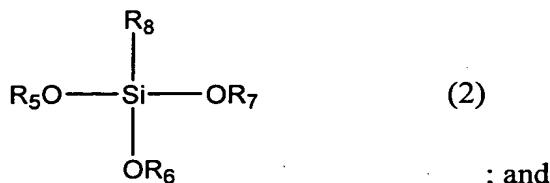
wherein said coating solution comprises:

(a) a compound represented by formula 1



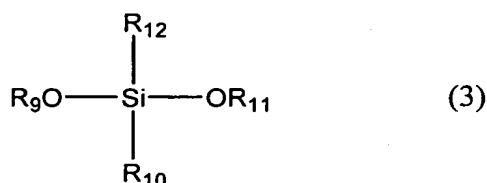
wherein R₁, R₂, R₃ and R₄ may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and n = 2-10;

(b) a compound represented by formula 2



; and

(c) a compound represented by formula 3



wherein in formulae (2) and (3) R_5 , R_6 and R_7 may be ~~same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 2~~ wherein at least one of R_5O , R_6O and R_7O represent a siloxane bond; and

wherein R_9 and R_{11} may be ~~same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_{10} and R_{12} each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 3~~ wherein at least one of R_9O and $R_{11}O$ represent a siloxane bond,

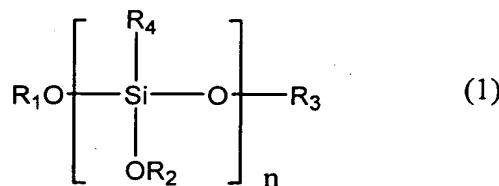
wherein the compounds of formula 2 and formula 3 are added to the coating solution in an amount such that the total amount of formula 2 and formula 3 does not exceed 50% of the amount of formula 1 present in said coating solution;

wherein the surface is formed where a hydrolyzable organometallic compound is used as a catalyst for hardening/solidifying said coating solution; and

wherein the surface is formed where one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin is/are used as said hydrolyzable organometallic compound.

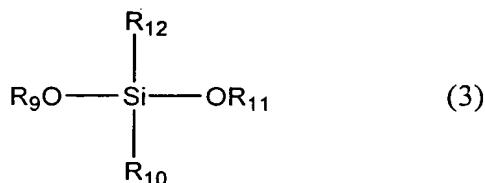
8. (Currently Amended) A coating solution of a silane type for giving an appropriate strength and good light transmitting and water repelling properties to a fiber material where said coating solution comprises

(a) a compound represented by formula 1



wherein R_1 , R_2 , R_3 and R_4 may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and $n = 2-10$;

(b) a compound represented by formula 3 having two hydrolyzable substituents and two unhydrolyzable substituents



wherein R_9 and R_{11} may be ~~same or different and each is a monomer comprising~~ independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_{10} and R_{12} each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 3 wherein at least one of R_9O and $R_{11}O$ represent a siloxane bond,

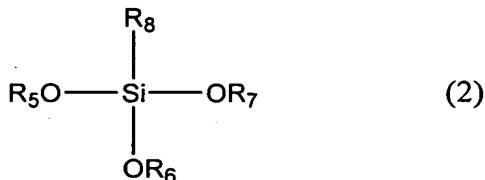
wherein the compound of formula 3 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution; and

(c) a catalyst for hardening/solidifying thereof,

wherein the catalyst for hardening/solidifying the coating solution of a silane type is one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin.

9. - 10. (Cancelled)

11. (Currently Amended) The coating solution of claim 8, wherein the coating solution of a silane type contains a compound represented by formula 2 having three hydrolyzable substituents and one unhydrolyzable substituent in addition to the compound of formula 1



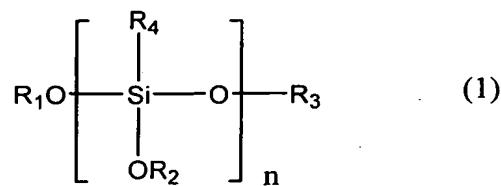
wherein R_5 , R_6 and R_7 may be same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R_8 is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 2 wherein at least one of R_5O , R_6O and R_7O represent a siloxane bond, and

wherein the compound of formula 2 is added to the coating solution in an amount not exceeding 50% of the amount of formula 1 present in said coating solution.

12. (Canceled)

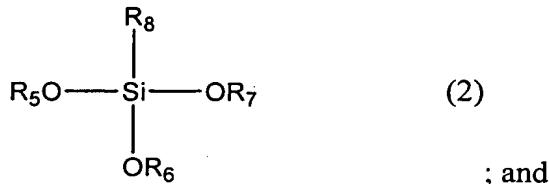
13. (Currently Amended) A coating solution of a silane type for giving an appropriate strength and good light transmitting and water repelling properties to a fiber material, wherein the coating solution of a silane type comprises

(a) a compound represented by formula 1

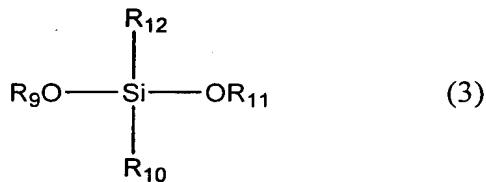


wherein R₁, R₂, R₃ and R₄ may be same or different and each is hydrogen or an alkyl group having 1-4 carbons and n = 2-10;

(b) a compound represented by formula (2)



(c) a compound represented by formula 3



wherein in formulae (2) and (3) R₅, R₆ and R₇ may be ~~same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R₈ is an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 2~~ wherein at least one of R₅O, R₆O and R₇O represent a siloxane bond; and

wherein R₉ and R₁₁ may be ~~same or different and each is a monomer comprising independently selected from the group consisting of a hydrogen, an alkyl group or an alkenyl group; and R₁₀ and R₁₂ each is an alkyl group, an alkenyl group or a phenyl group which may contain an epoxy group or a glycidyl group in a molecule; or a condensate of said formula 3~~ wherein at least one of R₉O and R₁₁O represent a siloxane bond, and

wherein the compounds of formula 2 and formula 3 are added to the coating solution in an amount such that the total amount of formula 2 and formula 3 does not exceed 50% of the amount of formula 1 present in said coating solution,

wherein the catalyst for hardening/solidifying the coating solution of a silane type is one or more organometallic compounds selected from the group consisting of titanium, zirconium, aluminum and tin.

14. (Previously Presented) The coated material according to claim 7, wherein the surface is formed where, prior to the application of the coating solution, said fiber material is dipped in alcohol and dried and ultraviolet ray is further irradiated thereto.

15. (New) The coated material according to claim 1, wherein when any of R₉ – R₁₂ is an alkyl said alkyl has 1 to 10 carbon atoms.

16. (New) The coated material according to claim 1, wherein when any of R₉ – R₁₂ is an alkenyl said alkenyl has 1 to 10 carbon atoms.

17. (New) The coated material according to claim 7, wherein when any of R₉ – R₁₂ is an alkyl said alkyl has 1 to 10 carbon atoms.

18. (New) The coated material according to claim 7, wherein when any of R₉ – R₁₂ is an alkenyl said alkenyl has 1 to 10 carbon atoms.

19. (New) The coating solution according to claim 8, wherein when any of R₉ – R₁₂ is an alkyl said alkyl has 1 to 10 carbon atoms.

20. (New) The coating solution according to claim 8, wherein when any of R₉ – R₁₂ is an alkenyl said alkenyl has 1 to 10 carbon atoms.

21. (New) The coating solution according to claim 13, wherein when any of R₉ – R₁₂ is an alkyl said alkyl has 1 to 10 carbon atoms.

22. (New) The coating solution according to claim 13, wherein when any of R₉ – R₁₂ is an alkenyl said alkenyl has 1 to 10 carbon atoms.

SUPPORT FOR THE AMENDMENTS

Claims 3, 4, 6, 9, 10, and 12 were previously canceled.

Claims 1, 5, 7, 8, 11, and 13 have been amended.

Claims 15-22 have been added.

Support for the amendment of Claims 1, 5, 7, 8, 11, and 13 is provided by the corresponding previously pending claims and serves to define the R groups in proper Markush format. New Claims 15-22 are supported by the specification as filed, for example at page 21, lines 12-20, and the Examples.

No new matter has been entered by the present amendment.